What is claimed is:

1. A method for analyzing process data, said method comprising:

displaying said process data in a first image, said first image representing first and second dimensions associated with said process data;

displaying said process data in a second image, said second image representing a third dimension associated with said process data;

receiving a region of interest (ROI) selected from one of said first image and said second image, wherein said ROI can be from said first image or from said second image;

calculating a first subset of said process data, said first subset comprising values present in said selected ROI; and

redrawing one of said first image and said second image based upon said first subset of said process data, wherein said first image is redrawn if said ROI is from said second image and said second image is redrawn if said ROI is from said first image.

2. The method for analyzing process data of claim 1, wherein one of said first, second, and third dimensions comprising at least one of a process dimension, a time dimension, and a type of procedure dimension.

3. The method for analyzing process data of claim 1, said first image and said second image each comprising at least one of a two-dimensional map and a one-dimensional graph.

4. The method for analyzing process data of claim 1, said first image and said second image comprising a first two-dimensional map and a second two dimensional map indicating four-dimensional data.

5. The method for analyzing process data of claim 1, said first image and said second image each comprising a 2D-scatter graph indicating a distribution of said process data.

6. The method for analyzing process data of claim 5, said one-dimensional graph comprising at least one of a bar graph and a line graph.

7. The method for analyzing process data of claim 1, further comprising indicating at least one correlation between said three dimensions using a third image.

8. The method for analyzing process data of claim 7, further comprising displaying at least two of said first image, said second image and said third image on a computer screen.

9. A method for analyzing clinical pathways, said method comprising:

providing a two dimensional presentation of clinical data and a one dimensional presentation of said clinical data, thereby enabling visualization of said clinical data in at least one of three or more dimensions, including a patient dimension, a time dimension, and a procedure dimension;

receiving a selection of a region of interest (ROI), said selection from at least one of said two dimensional presentation and said one dimensional presentation, wherein said ROI can be from said two dimensional presentation or from said one dimensional presentation;

calculating a first subset of said process data, said first subset comprising values present in said ROI along at least one of said three dimensions; and

redrawing one of said two dimensional presentation and said one dimensional presentation based upon said first subset of said process data, wherein said two dimensional presentation is redrawn if said ROI is from said one dimensional presentation and said one dimensional presentation is redrawn if said ROI is from said second presentation.

10. The method for analyzing clinical pathways of claim 9, said two dimensional presentation comprising a map.

11. The method for analyzing clinical pathways of claim 9, said one dimensional presentation comprising a graph.

12. A computer program product for analyzing process data, said computer program product comprising:

code that displays said process data in a first image, said first image representing first and second dimensions associated with said process data;

code that displays said process data in a second image, said second image representing a third dimension associated with said process data;

code that receives a region of interest (ROI) selected from one of said first image and said second image, wherein said ROI can be from said first image or from said second image;

code that calculates a first subset of said process data, said first subset comprising values present in said ROI along at least one of said three dimensions;

code that redraws said first image based upon said first subset of said process data if said ROI is from said second image;

code that redraws said second image based upon said first subset of said process data if said ROI is from said first image; and

a computer readable storage device for containing the codes.

13. An apparatus for analyzing process data, said apparatus comprising:

a processor,

a display device,

a persistent storage, and

a bus, said bus interconnecting said processor, said display device and said persistent storage, wherein said processor:

displays said process data in a first image, said first image representing first and second dimensions associated with said process data;

displays said process data in a second image, said second image representing a third dimension associated with said process data;

receives a region of interest (ROI) selected from one of said first image and said second image, wherein said ROI can be from said first image or from said second image;

calculates a first subset of said process data, said first subset comprising values present in said ROI along at least one of said three dimensions; and

redraws one of said first image and said second image based upon said first subset of said process data, wherein said first image is redrawn if said ROI is from said second image and said second image is redrawn if said ROI is from said first image.

14. An apparatus for analyzing process data, said apparatus comprising:

means for displaying said process data in a first image, said first image representing first and second dimensions associated with said process data;

means for displaying said process data in a second image, said second image representing a third dimension associated with said process data;

means for receiving a region of interest (ROI) selected from one of said first image and said second image, wherein said ROI can be from said first image or from said second image;

means for calculating a first subset of said process data, said first subset comprising values present in said ROI along at least one of said three dimensions; and

means for redrawing one of said first image and said second image based upon said first subset of said process data, wherein said first image is redrawn if said ROI is from said second image and said second image is redrawn if said ROI is from said first image.

15. A system for analyzing process data, said system comprising:

a database server,

an application client, in communication with said application server,

an application server, in communication with said application server and said application client; wherein

said application server abstracts said process data stored in said database server into at least three dimensions and forwards said abstracted process data to said application client; and wherein

said application client provides a plurality of images, including a first image and a second image, said plurality of images enabling visualization of said process data in at least one of said three dimensions; wherein at least one correlation between at least two of said three dimensions is indicated using said first image and a quantity measure in at least one of said three dimensions is indicated using said second image; and wherein

said application client receives a selection of at least one region of interest (ROI) selected from one of said first image and said second image, wherein said ROI can be from said first image or from said second image; and wherein

said application client calculates a first subset of said process data, said first subset comprising values present in said ROI along at least one of said three dimensions; and wherein

said application client redraws at least one of said first image and said second image based upon said first subset of said process data, wherein said first image is redrawn if said ROI is from said second image and said second image is redrawn if said ROI is from said first image.

16. A method for analyzing process data, said method comprising:

abstracting said process data into at least three dimensions;

providing a plurality of visualization devices, including a first visualization device and a second visualization device, said plurality of visualization devices enabling visualization of said process data in at least one of said three dimensions;

indicating at least one correlation between at least two of said three dimensions in said first visualization device;

indicating a quantity measure by at least one of said three dimensions in said second visualization device;

receiving a selection of at least one of a plurality of regions of interest (ROI), said selection from at least one dimension chosen from among said three dimensions, said selection indicated on at least one of said first visualization device and said second visualization device, wherein said ROI can be from said first visualization device or from said second visualization device;

calculating a first subset of said process data, said first subset comprising values present in said ROI; and

redrawing said first visualization device if said ROI is from said second visualization device and redrawing said second visualization device if said ROI is from said first visualization device.

17. The method of claim 16 further comprising:

receiving a second selection of at least one of said plurality of regions of interest (ROI), said second selection from at least one dimension chosen from among said three dimensions, said second selection indicated on at least one of said first visualization device and said second visualization device;

calculating a second subset of said process data, said second subset comprising values present in said second selection of at least one of said plurality of regions of interest along at least one of said three dimensions; and

displaying said first subset of said process data and said second subset of said process data together using at least one of said first visualization device and said second visualization device.

18. A method for analyzing process data, said method comprising:

abstracting said process data into at least three dimensions;

providing a plurality of visualization devices, including a first visualization device and a second visualization device, said plurality of visualization devices enabling visualization of said process data in at least one of said three dimensions;

indicating at least one correlation between at least two of said three dimensions in said first visualization device;

indicating a quantity measure by at least one of said three dimensions in said second visualization device;

receiving a selection of at least one of a plurality of regions of interest (ROI), said selection from at least one dimension chosen from among said three dimensions, said selection indicated on at least one of said first visualization device and said second visualization device, wherein said ROI can be from said first visualization device or from said second visualization device;

calculating a first subset of said process data, said first subset comprising values present in said ROI; and

redrawing said first visualization device if said ROI is from said second visualization device and redrawing said second visualization device if said ROI is from said first visualization device.

19. The method of claim 18 further comprising:

receiving a second selection of at least one of said plurality of regions of interest (ROI), said second selection from at least one dimension chosen from among said three dimensions, said second selection indicated on at least one of said first visualization device and said second visualization device;

calculating a second subset of said process data, said second subset comprising values present in said second selection of at least one of said plurality of regions of interest along at least one of said three dimensions; and

applying a function to said first subset of said process data and said second subset of said process data, yielding a third subset of said process data; and

displaying said third subset of said process data together using at least one of said first visualization device and said second visualization device.

20. A method for analyzing process data, said method comprising:

abstracting said process data into at least three dimensions;

providing a plurality of visualization devices, including a first visualization device and a second visualization device, said plurality of visualization devices enabling visualization of said process data in at least one of said three dimensions;

indicating at least one correlation between at least two of said three dimensions in said first visualization device;

indicating a quantity measure by at least one of said three dimensions in said second visualization device;

receiving a selection of at least one of a plurality of regions of interest (ROI), said selection from at least one dimension chosen from among said three dimensions, said selection indicated on at least one of said first visualization device and said second visualization device;

calculating a first subset of said process data, said first subset comprising values present in said ROI; and

redrawing at least one of said first visualization device and said second visualization device based upon said first subset of said process data, wherein said first visualization device is redrawn if said ROI is from said second visualization device and said second visualization device is redrawn if said ROI is from said first visualization device.

21. The method of claim 20 further comprising displaying at least one of a plurality of categorizations of at least one of said three dimensions of said process data in at least one of said first visualization device and said second visualization device.

22. A method for analyzing process data, said method comprising:

abstracting said process data into at least three dimensions;

providing a plurality of visualization devices, including a first visualization device and a second visualization device, said plurality of visualization devices enabling visualization of said process data in at least one of said three dimensions;

indicating at least one correlation between at least two of said three dimensions in said first visualization device;

indicating a quantity measure by at least one of said three dimensions in said second visualization device;

receiving a selection of at least one of a plurality of regions of interest (ROI), said selection from at least one dimension chosen from among said three dimensions, said selection indicated on at least one of said first visualization device and said second visualization device;

calculating a first subset of said process data, said first subset comprising values present in said ROI;

receiving a second selection of at least one of said plurality of regions of interest (ROI), said second selection from at least one dimension chosen from among said three dimensions, said second selection indicated on at least one of said first visualization device and said second visualization device;

calculating a second subset of said process data, said second subset comprising values present in said second selection of at least one of said plurality of regions of interest along at least one of said three dimensions;

applying a function to said first subset of said process data and said second subset of said process data, yielding a third subset of said process data; and

displaying said third subset of said process data together using at least one of said first visualization device and said second visualization device,

said function comprising at least one of an addition, a subtraction, a multiplication, an exponentiation, a division, a root, a boolean operator, a modulo, and an absolute value.

23. A method for analyzing process data, said method comprising:

abstracting said process data into at least three dimensions;

providing a plurality of visualization devices, including a first visualization device and a second visualization device, said plurality of visualization devices enabling visualization of said process data in at least one of said three dimensions;

indicating at least one correlation between at least two of said three dimensions in said first visualization device;

indicating a quantity measure by at least one of said three dimensions in said second visualization device;

receiving a selection of at least one of a plurality of regions of interest (ROI), said selection from at least one dimension chosen from among said three dimensions, said selection indicated on at least one of said first visualization device and said second visualization device;

calculating a first subset of said process data, said first subset comprising values present in said ROI;

receiving a second selection of at least one of said plurality of regions of interest (ROI), said second selection from at least one dimension chosen from among said three dimensions, said second selection indicated on at least one of said first visualization device and said second visualization device;

calculating a second subset of said process data, said second subset comprising values present in said second selection of at least one of said plurality of regions of interest along at least one of said three dimensions;

applying a function to said first subset of said process data and said second subset of said process data, yielding a third subset of said process data; and

displaying said third subset of said process data together using at least one of said first visualization device and said second visualization device,

said third subset of said process data displayed using at least one of a plurality of different colors, a plurality of different intensities of a color, a plurality of different intensities of a plurality of different colors.